

**Intended Changes to
Improve Consistency of Proposed Rule that
Appeared in the 12/1/09 Delaware Register of Regulations**

- 14.1.1 Except as provided in 14.1.2 of this regulation, the provisions of 14.0 of this regulation apply to each area source miscellaneous parts or products surface coating facility that performs spray application of coatings that contain **[target hazardous air pollutants ([target HAPs])]** to any part or product made of plastic, metal, or combination of plastic and metal that are not motor vehicles or mobile equipment.
- 14.1.2.6 Surface coating **[conducted associated]** with research and laboratory activities.
- 14.1.4.5 Equipment used for storage, handling, recovery, or recycling of cleaning solvents or waste **[paints coatings]**.

“Airless spray” or “Air-assisted airless spray” means any **[paint coating]** spray technology that relies solely on the fluid pressure of the **[paint coating]** to create an atomized **[paint coating]** spray pattern and does not apply any atomizing compressed air to the **[paint coating]** before it leaves the **[paint coating]** nozzle. Air-assisted airless spray uses compressed air to shape and distribute the fan of atomized **[paint coating]**, but still uses fluid pressure to create the atomized **[paint coating]**.

“Electrostatic application” means any method of coating application where an electrostatic attraction is created between the part or product to be coated and the atomized **[paint coating]** particles.

“Equipment cleaning” means the use of an organic solvent or cleaning material to remove coating residue from the surfaces of **[paint coating]** spray guns and other **[painting coating]** related equipment, including, but not limited to stir sticks, paint cups, brushes, and spray booths.

- 14.4.1.2.1 All spray booths, preparation stations, and mobile enclosures shall be fitted with a type of filter technology that is demonstrated to achieve at least 98% capture of **[paint coating]** overspray. The filter efficiency shall be demonstrated according to the test method in 14.6.1 of this regulation. The requirements of 14.4.1.2.1 of this regulation do not apply to waterwash spray booths that are operated and maintained according to the manufacturer’s specifications.
- 14.4.1.3.2 Mobile ventilated enclosures that are used to perform spot repairs shall enclose and, if necessary, seal against the surface around the area being coated such that **[paint coating]** overspray is retained within the enclosure and directed to a filter to capture **[paint coating]** overspray.
- 14.4.1.4 All spray-applied coatings that contain target HAPs shall be applied with a high volume, low pressure (HVLP) spray gun, electrostatic application, airless spray gun, air-assisted airless spray gun, or an equivalent technology that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of the spray gun technologies listed above for a comparable operation, and for which written approval has been obtained from the Administrator. The transfer efficiency of an equivalent technology shall be demonstrated according to the test methods in 14.6.2 of this regulation. The requirements of 14.4.1.4 of this regulation do not apply to **[painting coating]** performed by students and instructors at paint training centers. The requirements of 14.4.1.4 do not apply to the surface coating of aerospace vehicles that involves the coating of components that normally require the use of an airbrush or an extension on the spray gun to properly reach limited access spaces; to the application of coatings on aerospace vehicles that contain fillers that adversely affect atomization with HVLP spray guns; or to the

application of coatings on aerospace vehicles that normally have a dried film thickness of less than 0.0013 centimeters (0.0005 inches).

- 14.4.1.5 All **[paint coating]** spray gun cleaning shall be done so that an atomized mist or spray of gun cleaning solvent and **[paint coating]** residue is not created outside of a container that collects used gun cleaning solvent. Spray gun cleaning may be done with, for example, hand cleaning of parts of the disassembled gun in a container of solvent, by flushing solvent through the gun without atomizing the solvent and **[paint coating]** residue, or by using a fully enclosed spray gun washer. A combination of non-atomizing methods may also be used.